

**Tenatative Procurement Plan : 2025-29 - Updated as on April 30, 2024**

Sl. No	Item Description	Quantity
1	Acoustic sensor - Pressure field microphones	20
2	Vibration sensor - Accelerometers	40
3	Personal computers, Office Equipment & Accessories	5
4	High intensity acoustic source (Modulator) & Accessories	1
5	AMC of Mechanical & electrical systems	16
6	Hardware & consumables	40 Tons
7	Miniature Accelerometers	
8	Low noise cables	
9	Strain gauges	
10	Pressure Transducers	
11	Drawing Chest	
12	One Master node and two compute nodes for HPC	
13	PC	
14	Fabrication of Airworthy parts and test article	4 sets
15	Ground Handling Equipment	
16	Photovoltaic Cell (PV)	
17	Motor Controller - 20km range	
18	SATCOM	
19	Aircraft Related Fabrication	

Updated on .....

[Name of the Laboratory/Instt/Unit]

**PROCUREMENT PLAN\***

(\*Please read the note given at the end)

**A FOR THE FINANCIAL YEAR 2024-25**

**A (a) EQUIPMENT**

(i) Equipment: Out of CSIR Infra Grant -- **NIL**

Sr. No.	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)

(ii) Equipment: Out of CSIR Funded Projects -- **NIL**

Sr. No	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Project Number/ Code	Approximate Cost (Rs. In Lakhs)

(iii) Equipment: Out of Externally Funded Projects (EFP) -- **NIL**

Sr. No	Name Category of Equipment/ Vehicle Item	Quantity (Nos.)	Project Number/ Code	Approximate Cost (Rs. In Lakhs)

<b>B</b>	<b>FOR NEXT 2-4 FINANCIAL YEARS (2025-29) (From 01/04/2025 to 31/03/2029)</b>
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<b>B (a)</b>	<b>EQUIPMENT</b>
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Sr. No.	Name of Equipment/ Item	Quantity (Nos.)	Approximate Cost (Rs. In Lakhs)
1.	Color printer	2	1.5 Lakhs
2.	High End Workstations	24	72 Lakhs
3.	Black & white printer	1	60,000/-
4.	Scanner	1	50,000/-
5.	External Hard Disk 10 TB	5	1.00 Lakh

<b>B (b)</b>	<b>CONSUMABLES</b>
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Sr. No.	Category	Expected Procurement Value (Rs. In Lakhs)
1	R&D Consumables for closed loop systems (by equipment name)	NA
2	Chemicals (ex.- Name the different chemicals like Solvents, Biochemical/s, Biochemical kits & enzymes, Diagnostic kits, Sequencing, Oligonucleotides, etc.)	NA
3	Other Consumables (ex- Insecticide, Raw Materials, Packing Material, Column, Syringes, Transcriptome and Metagenome Analysis, Metabolites analyses, Farm Consumables, TLC Plates, Filter papers, Planting materials, seeds, Chemical standards, Essential oils, Standard aroma molecules, Animal feed, Cell Lines, Agriculture accessories, etc.)	NA
4	Glass wares (ex- name the different glass wares)	NA
5	Plastic wares (ex- Name the different plastic wares)	NA
6	Toner Cartridges.	2.5 lakhs
7	Batteries, etc.	--
8	Gases (ex- tentative names)	--
9	Maintenance/AMC/repairing of existing equipment	As per Annexure 1 enclosed
10	Stationery items (ex- name a few) - Xerox papers and office stationery etc	2.0 lakhs
11	IT / software-related Items (Name the items required during year)	As per Annexure 1 enclosed
12	Furniture (Name the items required during year) - Chairs & tables	5.0 lakhs
13	Electric Items (Name the items required during year)	--

**Note:**

- ▶ The above procurement plan is dynamic and could be revised as often as may be necessary with the approval of the Competent Authority.
- ▶ The procurement of the chemicals & consumables would be based on the need and ongoing requirement of R&D activities of Lab/Instt.
- ▶ The procurement is subject to the fund's availability/release of sufficient grant from CSIR / funding agency.
- ▶ The indicated procurement value is an estimate only.

**ANNEXURE 1****Division: CTFD**

<b>Sl. no</b>	<b>Description of Line Item</b>	<b>Item category (Chemicals &amp; Consumables / ORE)</b>	<b>Qty (if applicable)</b>	<b>Approx. Item Value in Lakhs</b>	<b>Purpose</b>
<b>1</b>	Tecplot software - AMC renewals - 2 licenses for 2 years – Maintenance, warranty, update and upgrade of Tecplot – the CFD visualization and analysis post-processing software. Tecplot 360 - Single User, Network License -Product Code 36L-P-NS)	<b>AMC (Chemicals &amp; Consumables)</b>	<b>2</b>	<b>Rs. 783000/-</b>	For CFD analysis, visualization and post processing work at the CTFD division
<b>2</b>	1) AMC for Numeca Software License for CTFD Division (Upgraded Numeca License with additional license for 128 cores with additional modules)	<b>AMC (Chemicals &amp; Consumables)</b>	<b>1</b>	<b>Rs. 700000 /-</b>	Numeca Software is used for optimization and basic aerodynamic studies for NAL aircrafts projects.
	2) AMC for Numeca License for Propulsion Division	<b>AMC (Chemicals &amp; Consumables)</b>	<b>1</b>	<b>Rs. 300000/-</b>	
<b>3</b>	Pointwise Software Licenses - AMC Renewals-brand-Upgrade and Maintenance of Three-User Fidelity Pointwise Perpetual Licenses for Two years	<b>AMC (Chemicals &amp; Consumables)</b>	<b>1</b>	<b>Rs. 2900000/-</b>	Pointwise S/w Licenses are used extensively for meshing work pertaining to CFD simulations for various aircraft related configurations
			<b>Total value</b>	<b>46.83 Lakhs</b>	